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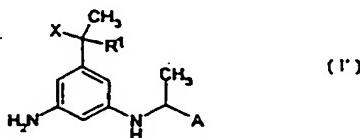
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(54) Title: SYNERGISTIC ACTIVE SUBSTANCE COMBINATIONS FOR CONTROLLING HARMFUL PLANTS

(54) Bezeichnung: SYNERGISTISCHE WIRKSTOFFKOMBINATIONEN ZUR BEKÄMPFUNG VON SCHADPFLANZEN



(57) Abstract

The invention relates to synergistic herbicidal combinations for controlling harmful plants in plant cultures. The combinations contain active substances (A) et (B). (A) is an amino triazine with a partial structure of formula (I) as in claim 1, in short T-NR-L-M, and L and M are defined as in claim 1, T is a 1,3,5-triazine and NR is an optionally substituted amino group, and (B) is one or more herbicides from the group of compounds consisting of (B1) leaf and/or soil-acting herbicides that are effective against monocotyledonous harmful plants, (B2) herbicides that are chiefly effective against dicotyledonous harmful plants and (B3) herbicides that are effective against monocotyledonous or dicotyledonous harmful plants and optionally (B4) herbicides that are effective against monocotyledonous and dicotyledonous harmful plants which can especially be used in tolerant cultures or on non-cultivated soil, with the exception of combinations of herbicides of the formula (I'), wherein R¹ = H or methyl; X = Cl, F and A = a phenoxy methyl group which is unsubstituted at the phenyl ring or which is substituted with one or two radicals from the methyl and fluorine group, or a benzofuran-2-yl or benzothiophen-2-yl radical, with herbicides selected from the group of isoproturon, diclofop methyl, fenoxapropethyl and amidosulfuron.

(57) Zusammenfassung

Die Erfindung betrifft synergistische Herbizidkombinationen für die Bekämpfung von Schadpflanzen in Pflanzenkulturen. Die Kombinationen enthalten Wirkstoffe (A) und (B), wobei (A) Aminotriazine mit einer Teilstruktur der Formel (I) nach Anspruch 1, kurz: T-NR-L-M, wobei L und M wie in Anspruch 1 definiert sind, T ein 1,3,5-Triazin und NR eine ggf. substituierte Aminogruppe bedeutet; und (B) ein oder mehrere Herbizide aus der Gruppe der Verbindungen, welche aus (B1) gegen monokotyle Schadpflanzen wirksame Herbiziden mit Blatt- und/oder Bodenwirkung, (B2) gegen überwiegend dikotyle Schadpflanzen wirksame Herbizide und (B3) gegen monokotyle und dikotyle Schadpflanzen wirksame Herbizide und gegebenenfalls (B4) gegen monokotyle und dikotyle Schadpflanzen wirksame Herbizide, die speziell in toleranten Kulturen oder auf Nichtkulturland eingesetzt werden können, besteht, bedeuten, ausgenommen Kombinationen von Herbiziden der Formel (I'), worin R¹ = H oder Methyl; X = Cl, F und A = eine Phenoxymethylgruppe, die im Phenylring unsubstituiert oder mit einem oder zwei Resten aus der Gruppe Methyl und Fluor substituiert ist, oder einen Benzofuran-2-yl- oder Benzothiophen-2-yl-rest bedeuten, mit Herbiziden aus der Gruppe Isoproturon, Diclofop-methyl, Fenoxapropethyl und Amidosulfuron.

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